

## Gene Name Synonym

IL-8; C-X-C motif chemokine 8; Chemokine (C-X-C motif) ligand 8; Emotakin; Granulocyte chemotactic protein 1; GCP-1; Monocyte-derived neutrophil chemotactic factor; MDNCF; Monocyte-derived neutrophil-activating peptide; MONAP; Neutrophil-activating protein 1; NAP-1; Protein 3-10C; T-cell chemotactic factor; GCP/IL-8 protein IV; IL8/NAP1 form I; (Ala-IL-8)77; GCP/IL-8 protein II; IL-8(1-77); IL8/NAP1 form II; MDNCF-b; 5-77; 6-77; (Ser-IL-8)72; GCP/IL-8 protein I; IL8/NAP1 form III; Lymphocyte-derived neutrophil-activating factor; LYNAP; MDNCF-c; Neutrophil-activating factor; NAF; 7-77; GCP/IL-8 protein V; IL8/NAP1 form IV; 8-77; GCP/IL-8 protein VI; IL8/NAP1 form V; 9-77; GCP/IL-8 protein III; IL8/NAP1 form VI

## Protein Construction

DNA encoding 21-99 aa (P10145) were fused with 6His tag.

## Organism

Human

## Expression Host

E. coli

## Activity

Not tested.

## Purity

>87%, by SDS-PAGE with Coomassie Brilliant Blue staining.

## Endotoxin

Please contact the lab for more information.

## Stability

Samples are stable for up to twelve months from date of receipt at -70°C

## Molecular Mass

Predictes a molecular mass of 10.76 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 11 kDa band.

## Formulation

Lyophilized from sterile PBS, pH 7.4

## Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

## Reconstitution

Reconstitute at 0.25 µg/µl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.